# Exercise 1: Control Structures

Created two tables:

1. Customer table
2. Loans table

```
SQL> create table customers (CustomerID number primary key,Name varchar2(100),Age number,Balance number, IsVIP varchar2(5) default 'FALSE');
Table created.
SQL> create table Loans(LoanID number primary key,CustomerID number,InterestRate number,DueDate date);
Table created.
```

Inserted data into Customers table

```
SQL> insert into customers (CustomerID,Name,Age,Balance) values (1,'Rahul',65,12000);
1 row created.
SQL> insert into customers (CustomerID,Name,Age,Balance) values (2,'Ravi',45,8000);
1 row created.
SQL> insert into customers (CustomerID,Name,Age,Balance) values (3,'Raghav',70,5000);
1 row created.
SQL> insert into customers (CustomerID,Name,Age,Balance) values (4,'Vamshi',30,15000);
1 row created.
```

Inserted data into Loans table

```
SQL> insert into Loans(LoanID,CustomerID,InterestRate,DueDate) values(101,1,7.5,SYSDATE+15);
1 row created.
SQL> insert into Loans(LoanID,CustomerID,InterestRate,DueDate) values(102,2,8.0,SYSDATE+40);
1 row created.
SQL> insert into Loans(LoanID,CustomerID,InterestRate,DueDate) values(103,3,6.5,SYSDATE+10);
1 row created.
SQL> insert into Loans(LoanID,CustomerID,InterestRate,DueDate) values(104,4,9.0,SYSDATE+5);
1 row created.
```

The data has been inserted successfully for Customer table

```
SQL> select * from customers;

CUSTOMERID
----------
NAME
--------------------------------------------------------------------------------
       AGE    BALANCE ISVIP
---------- ---------- -----
         1
Rahul
        65      12000 FALSE

         2
Ravi
        45       8000 FALSE

CUSTOMERID
----------
NAME
--------------------------------------------------------------------------------
       AGE    BALANCE ISVIP
---------- ---------- -----

         3
Raghav
        70       5000 FALSE

         4
Vamshi

CUSTOMERID
----------
NAME
--------------------------------------------------------------------------------
       AGE    BALANCE ISVIP
---------- ---------- -----
        30      15000 FALSE
```

The data has been inserted successfully for Loans table

```
SQL> select * from Loans;

    LOANID CUSTOMERID INTERESTRATE DUEDATE
---------- ---------- ------------ ---------
       101          1          7.5 13-JUL-25
       102          2            8 07-AUG-25
       103          3          6.5 08-JUL-25
       104          4            9 03-JUL-25
```